

## **Present Conditions**



- In Florida, and most likely many other States, the collection of construction documentation comprises many specialized forms and several reporting requirements.
- Information comes from sources like Contractors,
  CEI firms and Internal Project Administrators.
- Most of these requirements are driven by Statutes or Project Management guidelines that have been around for decades.

View

Additional Information

Reviews

**Help & Training** 

### **Present Conditions**

- Documents and forms are printed, signed, scanned and emailed or mailed.
- Multiple copies are made for multiple recipients.
- Turnaround for approvals and Change Order execution is sometimes very slow.
- Special runners are sometimes employed to hand deliver contractual documents.



## What do we want to do differently

- We want to change ANTIQUATED document exchange interactions to a PAPERLESS methodology.
- We want to save the time, effort and money that is expended to push all of this paper around.
- There are many tools available with today's evolving technologies we need to start utilizing.



# Challenges

- Identify the special requirements of forms and documents which require signatures
  - Many documents and forms need to be signed and subsequently need to be digitally signed.
- Motivate the public to get on board
  - Doing something like this requires all players to be supportive.
- Finding out what is LEGAL
  - Will these electronic documents stand up in court?

# Challenges

What are the laws that govern electronic transactions

#### Federal

- The Uniform Electronic Transactions Act (UETA) has been adopted by 47 states within the United States and establishes the validity of electronic signatures in contracts.
- •Florida is one of them.

#### State

Florida Statute Chapter 668 Section 50

## Challenges

- What are the Record Retention Requirements?
  - How to store electronic files.
  - •CDs in boxes? What about environmental conditions that affect CD storage? This is still being worked out.
- How much do the digital certificates cost?
  - •For about \$100 you get a valid Certificate good for 2 years
- How much will this save us, is it justifiable?
  - •Think of the mounds of paper documents and time expended handling copies and scans. Plus U.S. Mail.
  - •Estimate savings of approximately \$2.2 million per year on QC Document. These are rough calculations for a single document on 88 projects projected to 500 projects.

### The Plan

### Phase I

- Identify documents and forms which can immediately be handled and transferred paperless
- Notify the Stakeholders of the coming change Completed Actions:
- Issued DCE Memo 13-13 June 18,2013 authorizing the submission of certain forms and documents electronically.
- Created dynamic website which can change as new forms are made available for this process.

## The Plan

### Phase II

- Begin to Outfit our personnel with the ability to do business electronically.
- Get "buy off" from industry.

#### **Completed Actions:**

- July 2, 2013: Purchased 390 digital certificate vouchers and began issuing to internal personnel.
- July 29,2013: Issued Memo of Understanding between FDOT, Florida Institute of Consulting Engineers (FICE) and Florida Transportation Builders Association (FTBA)

## The Plan

### Phase III

Procure hosted collaboration services to support sharing and document exchange for Construction projects which promotes a Paperless Environment

#### **Completed Actions:**

- October 28, 2013: Obtained management approval to procure.
- Advertisement occurred July 1, 2014.
- Implementation is currently ongoing.

